**Application No.:** 

10/593,372

**Filing Date:** 

January 12, 2007

AMENDMENTS TO THE CLAIMS

1-98. (Canceled)

99. (New) A method of predicting survival outcome of an individual suffering from severe

congestive heart failure, wherein severe congestive heart failure is defined as NYHA class III-IV,

said method comprising:

a) determining as a first marker a level of Big ET-I (1-38) in the individual; and

b) determining as a second marker a level of N-proANP (1-98) or N-proANP (68-

98) fragment;

c) comparing the level of the first and second markers to cutoff levels of these

markers in age matched normal individuals, said cut-off levels distinguishing between

high, intermediate and low survival rate due to cardiovascular cause,

wherein the likelihood of death from cardiovascular cause is greatest when said individual has

first and second marker levels that are both greater than a first cutoff level for the first marker

and a second cutoff level for the second marker, the likelihood of death from cardiovascular

cause is least when said individual has first and second marker levels that are both less than the

first and second cutoff levels, and the likelihood of death from cardiovascular cause is

intermediate when said individual has the first marker level greater than the first cutoff level and

the second marker level less than the second cutoff level or the first marker level less than the

first cutoff level and the second marker level greater than the second cutoff level, wherein the

cutoff level of Big ET-I (138) is about 2.4-5.0 fold the normal level for Big ET-I (1-38), the

cutoff level of N-proANP (1-98) is about 3.3-4.4 fold the normal level for N-proANP (1-98) and

the cutoff level of NproANP (68-98) fragment is about 8.5-10.8 fold the normal level for

NproANP (68-98) fragment.

100. (New) The method of claim 99, wherein said cutoff level of Big ET-I (1-38) is about 3.5-

5.0 fold the normal level for Big ET-I (1-38).

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101. (New) The method of claim 99, wherein said cutoff level of Big ET-1 (1-38) is about 4.1 fold the normal level for Big ET-I (1-38).

102. (New) The method of claim 99, wherein said cutoff level of N-proANP (1-98) is about 3.8 fold the normal level for N-proANP (1-98).

103. (New) The method of claim 1, wherein said cutoff level of N-proANP (68-98) fragment is about 9.6 fold the normal level for N-proANP (68-98) fragment.

104. (New) The method of claim 99, wherein when said level of Big ET-I (1-38) and either N-proANP (1-98) or N-proANP (68-98) fragment are both below the cutoff level, the individual's 50% survival for death from cardiovascular cause is at least about 45 months.

105. (New) The method of claim 99, wherein said level of Big ET-I (1-38) and either N-proANP (1-98) or N-proANP (68-98) fragment are both below the cutoff level, the individual's 50% survival outcome for death by cardiovascular cause is at least about 75 months.

106. (New) The method of claim 99, wherein when said level of Big ET-I (1-38) and either N-proANP (1-98) or N-proANP (68-98) fragment are both below the cutoff level, the individual's 50% survival outcome for death by cardiovascular cause is at least about 91 months.

107. (New) The method of claim 99, wherein when said level of Big ET-I (1-38) and either N-proANP (1-98) or N-proANP (68-98) fragment are both higher than the cutoff level, the individual's 50% survival outcome for death by cardiovascular cause is about 5.5 months.